

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 17. (Canceled).

18. (New) A method for fastening and aligning at least one sensor including a sensor axis, comprising:

connecting a holding element including a sensor seating surface for the sensor to a support;

connecting the sensor to the support via the holding element;

reworking the sensor seating surface to align the sensor axis of an installed sensor in a nominal direction; and

connecting the sensor to the holding element at the reworked sensor seating surface.

19. (New) The method according to claim 18, wherein the support is arranged in a motor vehicle.

20. (New) The method according to claim 18, further comprising ascertaining a deviation, present without reworking, of the sensor axis from the nominal direction, the sensor seating surface reworked in the reworking step based on the ascertained deviation.

21. (New) The method according to claim 18, further comprising arranging the support and the holding element into a carrier, the sensor seating surface reworked in the reworking step by a reworking device connected to the carrier to align the sensor axis in the nominal direction.

22. (New) The method according to claim 18, wherein the sensor includes at least one of (a) an ultrasound sensor, (b) a light-sensitive sensor, (c) a video sensor, (d) an electromagnetic radiation sensor, and (e) a radar sensor.

23. (New) The method according to claim 18, wherein the sensor axis is one of (a) in a direction of the holding element and the support and (b) in a direction opposite to the direction of the holding element and the support.

24. (New) The method according to claim 18, wherein the holding element is connected to the support in the holding element connecting step by an adhesion process, the sensor seating surface reworked in the reworking step during hardening of the adhesive.

25. (New) The method according to claim 18, wherein the reworking includes a material-removing process.

26. (New) The method according to claim 25, wherein the material-removing process includes at least one of milling, drilling and laser processing.

27. (New) The method according to claim 18, further comprising:
applying at least one centering pin receptacle in a correct position at the sensor seating surface; and
aligning the sensor with respect to rotation of the sensor about the sensor element by at least one centering pin arranged on the sensor.

28. (New) The method according to claim 27, wherein the at least one centering pin receptacle is applied in the applying step during the reworking step.

29. (New) The method according to claim 18, wherein at least one of (a) the holding element includes an accommodation for at least a part of the sensor and (b) the holding element includes a sensor antechamber protected from intrusion of at least one of (a) chips and (b) dirt.

30. (New) The method according to claim 18, wherein at least one of (a) the holding element includes an accommodation for at least a part of the sensor and (b) the holding element includes a sensor antechamber protected from intrusion of at least one of (a) chips and (b) dirt by a cover element.

31. (New) A device for fastening and aligning at least one sensor including a sensor axis, comprising:

a holding element including a sensor seating surface and an accommodation for at least a part of the sensor, the sensor seating surface configured to determine a position of the sensor axis, the sensor seating surface configured to be reworked for alignment of the sensor axis to a nominal direction without changing the accommodation.

32. (New) The device according to claim 31, wherein the device is configured to fasten and align the sensor in a motor vehicle.

33. (New) The device according to claim 31, wherein the sensor includes at least one of (a) an ultrasound sensor, (b) a light-sensitive sensor, (c) a video sensor, (d) an electromagnetic radiation sensor, and (e) a radar sensor.

34. (New) The device according to claim 31, wherein the holding element is fastened to a support, the holding element including component part tolerances, the support including at least one of (a) a convex, (b) a concave and (c) a planar surface for the accommodation of the holding element, the support at least one of (a) including component part tolerances and (b) made of glass.

35. (New) The device according to claim 34, wherein the support includes a windshield of a motor vehicle.

36. (New) The device according to claim 34, wherein the sensor axis is one of (a) in a direction of the holding element and the support and (b) in a direction opposite to the direction of the holding element and the support.

37. (New) The device according to claim 34, wherein at least one of (a) the support and (b) the holding element is one of (a) partially and (b) completely transparent to sensor-influencing variables in accordance with at least one of (a) material properties and (b) material-removing processing methods.

38. (New) The device according to claim 31, further comprising at least one centering pin receptacle arranged on the sensor seating surface and a centering pin arranged on the sensor, the centering pin receptacle and the centering pin arranged to align the sensor with respect to rotation about the sensor axis.

39. (New) The device according to claim 31, wherein the holding element includes a sensor antechamber dimensioned and including walls configured to not restrict angular coverage of the sensor after rework of the sensor seating surface.

40. (New) The device according to claim 39, further comprising a sealing ring arranged between the holding element and the sensor configured to seal at least one of (a) the accommodation and (b) the sensor antechamber from surroundings, the sealing ring dimensioned to accommodate tilt of the sensor after rework of the sensor seating surface.